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Notice of Allowability	Application No.	Applicant(s)	
	09/727,223	PERLMAN ET AL.	
	Examiner	Art Unit	
	Melvin Marcelo	2662	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicants' arguments filed 01-10-2005.
2. ☒ The allowed claim(s) is/are 1-37.
3. ☒ The drawings filed on 30 November 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Paul E. Kudirka on March 1, 2005.

The application has been amended as follows:

33. (currently amended) A computer data signal embodied in a transmission medium including an address configuration program stored thereon for execution in a computer functioning as a specified router for a link in a network region, the address configuration program comprising:

(i) program code for receiving messages from specified routers of other links in the network region, the message from each specified router containing a number selected to be used as a region-wise unique link number for the associated link, and for storing the received numbers in association with the respective links in a local database;

(ii) program code for selecting a number to be used as a region-wise unique link number for the link, the selected number being a number not associated with another link in the local database; and

(iii) program code for generating a message containing the selected number and propagating the message within the network region for receipt by the other specified routers.

34. (currently amended) A computer data signal embodied in a transmission medium including an address configuration program for use in configuring nodes on a link in a network region with network-layer addresses, the address configuration program comprising:

program code for participating in assigning, for each node of the link, a link-wise unique node number to a first field of the network-layer address of the node;

program code for generating a request message identifying the associated link uniquely within the network region, and for propagating the request message within the network region; and

program code for receiving a link number assignment message from an address-assigning node in the network region, the link number assignment message containing a region-wise unique link number generated by the address-assigning node for the link, and for assigning the link number from the received link number assignment message to a second field of the network-layer addresses of the nodes of the link.

35. (currently amended) A computer data signal embodied in a transmission medium including an address configuration program for execution in a computer functioning as an address-assigning node in a network region, the network region having a plurality of

links each including a plurality of nodes, one of the nodes of each link serving as a specified router responsible for certain communications in the network region on behalf of the link, the address configuration program comprising:

program code for receiving messages from the specified routers of the links, each message identifying the associated link uniquely within the network region;

program code for assigning a region-wise unique link number to each link for which a request message has been received; and

program code for generating link number assignment messages and sending them to the specified routers, the link number assignment message sent to each specified router containing the link number assigned to the associated link.


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melvin Marcelo whose telephone number is 571-272-3125. The examiner can normally be reached on Mon-Fri 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hassan Kizou can be reached on 571-272-3088. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Melvin Marcelo
Primary Examiner
Art Unit 2662

March 1, 2005